

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) An isolated ATP-binding cassette protein having the following properties:

i. conferring mitoxantrone resistance to a S1-M1-80 human colon carcinoma cells when expressed in the cells; and,

ii. specifically binding to polyclonal antibodies which specifically bind to a member of the group of proteins depicted in SEQ ID NO:2 ~~or SEQ ID NO:4~~; and

iii. having a molecular weight between about 70 kDa and about 75 kDa.

2. (Currently amended) The ATP-binding cassette protein of claim 1 wherein the protein has at least 95% identity to the amino acids depicted in SEQ ID NO:2 ~~or SEQ ID NO:4~~.

3-20. (Canceled)

21. (New) The ATP-binding cassette protein of claim 1, wherein the protein comprises the amino acid sequence of SEQ ID NO:2.